

Converting Colors

CIELCh(56, 45.952, 62.905)

Have a look what the booklet for
CIELCh(56, 45.952, 62.905) contains.

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Color

CIELCh(56, 46.024, 62.870)

Conversions

Conversions Part 1

Format	Color
Hex	BA773F
RGB	186, 119, 63
RGB Percent	73%, 47%, 25%
CMY	0.2715, 0.5341, 0.7537
CMYK	0.00, 0.36, 0.66, 0.27
HSL	27°, 49%, 49%
HSV	27°, 66%, 73%
XYZ	27.6579, 23.9124, 7.8323
YIQ	132.6490, 57.9080, -3.2120

Conversions

Conversions Part 2

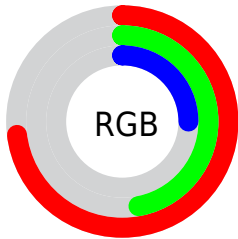
Format	Color
R_{YB}	186, 166, 63
Decimal	12220223
CIE Lab	56.00, 20.99, 40.96
CIE LCh	56, 46.024, 62.870
Yxy	23.9124, 0.4656, 0.4025
Android (android.graphics.Color)	4290410303 (0xFFBA773F)
YUV	132.6490, -34.3370, 46.7888
Hunter-Lab	48.9003, 15.3837, 24.7338

Details

The CIELCh color **56, 46.024, 62.870** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **52, 35.807, 264.707**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 45.999, 62.240**, and **36, 46.006, 63.062** is the 20% darker color. If you saturate the color by 10%, you get **53, 53.775, 61.609**, and if you desaturate by 10%, it is **59, 38.210, 64.027**.

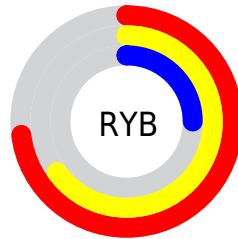
Distribution



Red (73%)

Green (47%)

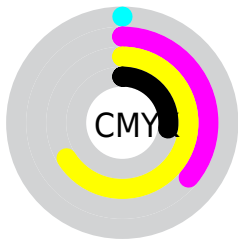
Blue (25%)



Red (73%)

Yellow (65%)

Blue (25%)

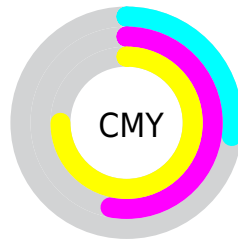


Cyan (0%)

Magenta (36%)

Yellow (66%)

Black (27%)



Cyan (27%)

Magenta (53%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 46.024, 62.870 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 56, 46.024, 62.870 by changing the saturation by 10% instead.

■ 56, 46.024, 62.870

■ 56, 46.024, 62.870

■ 100, 46.024,
62.870

■ 46, 46.024, 62.870

■ 76, 46.024, 62.870

■ 36, 46.024, 62.870

■ 86, 46.024, 62.870

■ 26, 46.024, 62.870

■ 96, 46.024, 62.870

■ 16, 46.024, 62.870

■ 6, 46.024, 62.870

■ 0, 46.024, 62.870

■ 56, 46.024, 62.870

■ 56, 46.024, 62.870

■ 53, 53.775, 61.609

■ 59, 38.210, 64.027

■ 51, 60.908, 60.044

■ 61, 30.610, 65.153

49, 66.541, 57.854

64, 23.337, 66.283

48, 68.557, 57.052

67, 16.428, 67.419

70, 9.882, 68.552

73, 3.677, 69.632

77, 2.218, 251.041

80, 7.834, 252.029

83, 13.202,
253.093

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



56, 46.024, 62.870



52, 35.807, 264.707

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56, 46.024, 62.870



56, 46.024, 112.870



56, 46.024, 242.870



56, 46.024, 292.870

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



56, 46.023, 62.874



88, 15.318, 68.084



46, 56.827, 348.468



46, 10.617, 67.764



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56, 46.023, 62.874



68, 69.365, 61.016



72, 59.173, 101.676



37, 3.362, 69.309



40, 59.917, 57.610



5, 8.715, 56.358

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



52, 35.807, 264.707



62, 51.924, 270.320



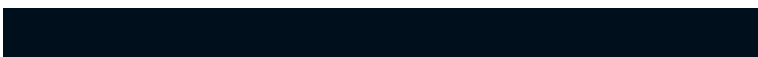
36, 71.537, 299.216



37, 3.269, 251.649



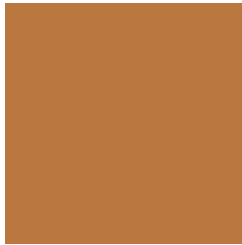
36, 45.053, 278.641



4, 9.797, 263.480

Previews

White Background



This preview shows how the CIELCh color 56, 46.024, 62.870 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 56, 46.024, 62.870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

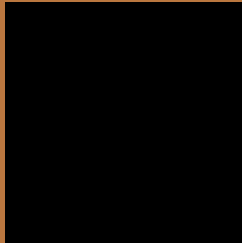
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 56, 46.024, 62.870

Background



This preview shows how black text looks on a background with the CIELCh color 56, 46.024, 62.870.



This preview shows how white text looks on a background with the CIELCh color 56, 46.024, 62.870.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

56, 46.024, 62.870

Protanopia

56, 37.717, 95.838

Deuteranopia

56, 42.050, 79.703



Tritanopia
56, 32.971, 14.777

Trichromacy



Original Color
56, 46.024, 62.870

Protanomaly
56, 38.786, 82.434

Deuteranomaly
56, 42.927, 73.258

Tritanomaly
56, 34.219, 36.132

Monochromacy



Original Color
56, 46.024, 62.870

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 15.843, 65.891

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 46.024, 62.870 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(186, 119, 63)` looks like.

```
.text, #text, p{  
    color:rgb(186, 119, 63)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(186, 119, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 119, 63) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 46.024, 62.870 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 119, 63) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(186, 119, 63) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(186, 119, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 119, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 119, 63);  
box-shadow:4px 4px 4px 4px rgb(186, 119,  
63) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 46.024, 62.870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 119, 63) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(186,  
119, 63) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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